ABSTRACT

A data source has a data converting part for converting inputted data to predetermined data packets. A data buffer stores the data packets. A descriptor list stores a descriptor to which predetermined addresses are added, where a method of sending the data packets is described. A FIFO stores the predetermined addresses in a first-in first-out mode. A data sending part receives start instructions from the data converting part, refers to a predetermined address in which reference is not made yet in the FIFO, fetches data packets corresponding to the descriptor from the data buffer in accordance with a method of sending the descriptor indicated by the predetermined address, generates a send packet from the data packet and outputs the data packet. An end-of-send notice to the data converting part is also send when the output of the send packet is ended.